



BUILDING CODE COMPLIANCE OFFICE  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION  
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION  
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION  
(305) 375-2902 FAX (305) 372-6339

## **PRODUCT CONTROL NOTICE OF ACCEPTANCE**

**Sun-Dome by Daylighting Technologies, Inc.**  
**3570 Consumer St., Ste. 3**  
**West Palm Beach ,FL 33404**

Your application for Notice of Acceptance (NOA) of:

### **Sun-Tube changed to Sun-Dome**

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

**ACCEPTANCE NO.: 01-1011.02**  
**EXPIRES: 12/15/2006**

Raul Rodriguez  
Chief Product Control Division

### **THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS BUILDING CODE & PRODUCT REVIEW COMMITTEE**

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.  
Director  
Miami-Dade County  
Building Code Compliance Office

**APPROVED: 12/13/2001**

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

- 1.1** This renews and revises the Notice of Acceptance No. 98-0909.04 that was issued on 12/15/98. It approves a polycarbonate glazed domed, aluminum curbed skylight, as described in Section 2 of this Notice of Acceptance. It designed to comply with the South Florida Building Code (SFBC) 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by the (SFBC) Chapter 23, do not exceed the design pressure rating values indicated on the approved drawings.

**2. PRODUCT DESCRIPTION**

- 2.1** The **Sun-Dome/Tubular, Polycarbonate Glazed, Domed Skylights** and its components shall be constructed in strict compliance with the following documents: Drawing No.1, Sheet 1 of 1, titled: "Sun-Dome/Tubular Skylight", dated November 7, 2001, signed and sealed by W. R. Karpinia, PE. The drawing bears the Miami-Dade County Product Control Approval Stamp with the Notice of Acceptance number and approval date. This document shall herein after be referred to as the approved drawings.

**3. LIMITATIONS**

- 3.1** This approval applies to single unit applications only as shown on approved drawings.
- 3.2** Units with dimensions equal to or smaller than these shown in approved drawings shall qualify under this approval as long as all components are exactly as described in this approval.

**4. INSTALLATIONS**

- 4.1** The glazed skylights and its components shall be installed in strict compliance with the approved drawing.
- 4.2** The installation of this product **does not** require a hurricane protection system.

**5. LABELING**

- 5.1** Paltough polycarbonate domes shall bear a permanent seal identifying the glazing product.
- 5.2** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Dade County Product Control Approved".

**6. BUILDING PERMIT REQUIREMENTS**

- 6.1** Application for Building Permit shall be accompanied by copies of the following:
- 6.1.1** This Notice of Acceptance
- 6.1.2** Duplicate copies of the approved drawings as identified in Section 2 of this Notice of Acceptance.
- 6.1.3** Any other document required by the Buildings Official or the South Florida Building Code in order to properly evaluate the installation of this system.



Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

**Daylighting Technologies, Inc.**

**ACCEPTANCE NO.: 01-1011.02**

**APPROVED: DEC 13 2001**

**EXPIRES: 12/15/2006**

**NOTICE OF ACCEPTANCE STANDARD CONDITIONS**

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
  - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
  - b) The product is no longer the same product (identical) as the one originally approved;
  - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
  - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
  - a) Unsatisfactory performance of this product or process.
  - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.



Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

**END OF THIS ACCEPTANCE**

**Daylighting Technologies, Inc.**

**ACCEPTANCE NO: 01-1011.02**

**APPROVED: DEC 13 2001**

**EXPIRES: 12/15/2006**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWING**

1. Drawings prepared by Daylight Concepts, Inc., titled "Sun-Tube/Tubular Skylight", Drawing No.1, Sheet 1 of 1, dated 11/18/98, signed and sealed by W. R. Karpinia, PE.

**B. TEST**

1. Test Report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of "SUNTUBE 21" prepared by Hurricane Test Laboratory, Inc., Report No. 0158-0409-98, dated 04/(13 & 15)/98 signed and sealed by T. S. Marshall, PE.

**C. CALCULATIONS**

1. Anchor calculations dated 11/19/978 Sheet 1 of 1, prepared, signed and sealed by W. R. Karpinia PE.

**D. MATERIAL CERTIFICATION**

1. Product Control Notice of Acceptance to Paltough Ltd/ Suntuf U.S.A. for Suntuf Polycarbonate Plastic Sheets, Acceptance No. 00-1226.02, expiring on 01/22/06.

**E. STATEMENTS**

1. Test Compliance letter by Hurricane Test Laboratory, Inc., issued on 06/10/98, signed by T. S. Marshall PE.
2. Articles of incorporation of Sun-Dome by Daylighting Technologies, Inc. signed by D. Poggendorf on 07/05/2000.
3. Dissolution of Corporation of Daylighting Concepts, Inc. signed by D. Poggendorf and I. Marom on 07/14/2000.



Candido Font, PE, Sr. Product Control Examiner  
Product Control Division

DAYLIGHTING TECHNOLOGIES, Inc.  
3570 CONSUMER STREET, STE# 3  
WEST PALM BEACH, FL 33404

SUMMARY OF RESULTS:

DESIGN PRESSURE RATING:

±55PSF

POLYCARBONATE DOME  
(1/8" NOMINAL THICKNESS VAC.  
FORMED)  
SUNTUFF POLYCARBONATE BY  
PALTOUGH, METRO DADE APPROVAL  
# 00-1226.02.

PILE WEATHER SEAL  
(AMESBURY #370-350-75BYAB  
1/2" x 1/2")

\*21" DOME: (8) #8 x 1" S.S. SCREWS  
● 9" O.C.  
13" DOME: (5) #8 x 1" S.S. SCREWS  
● 9" O.C.  
10" DOME: (4) #8 x 1" S.S. SCREWS  
● 9" O.C.

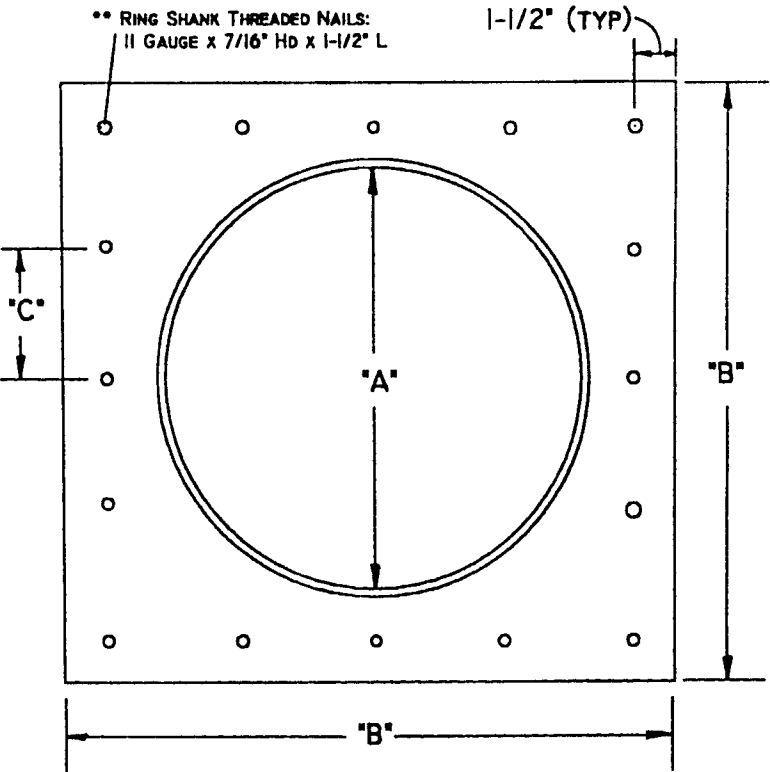
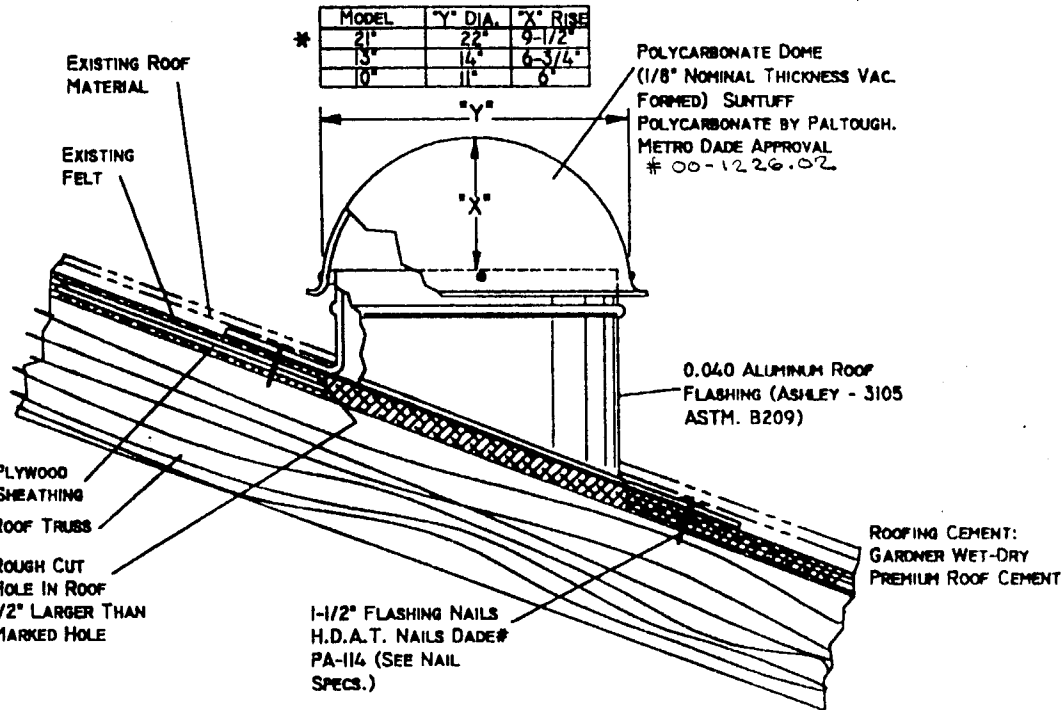
RUBBER/S.S. WASHER

RUBBER O-RING WASHERS  
(70 DUROMETER NITRILE  
#568-105-N-7002)

0.040 ALUMINUM ROOF  
FLASHING (ASHLEY -  
3105 ASTM.B209)

ROOF SHEATHING

MINIMUM CLEAR DISTANCE OF 4" BETWEEN DOME  
EDGE & ROOF SHEATHING & FOR NON-INSULATED  
B.U.R. WITH GRAVEL FINISH. FOR ROOF TILE, INSULATION ADD INSULATION THICKNESS  
AND TILE HEIGHT TO THE 4" MINIMUM DISTANCE.



* 21" = 21.5"	* 13" = 13.5"	* 10" = 10.5"
* 13" = 13.5"	* 10" = 10.5"	

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE DEC 13 2001  
BY   
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-1011.02

NOT FOR CONSTRUCTION ONLY  
DATE: 12/13/2001  
BY: WALTER KARPINIA, P.E., FL 33478

COMPANY

PRODUCT DESCRIPTION

DAYLIGHTING TECHNOLOGIES, Inc.  
3570 CONSUMER STREET, Ste 3  
WEST PALM BEACH, FL 33404  
1-800-896-8414

SUN-DOME/TUBULAR SKYLIGHT

ENGINEER

REVISIONS DATE

DRAWING #:

WALTER KARPINIA P.E.  
STRUCTURAL/MECHANICAL  
P.E.# 46635

NOVEMBER 7, 2001

DRAWING 1/SHEET 1

\*TESTED

\*\*SEE ATTACHED CALCULATION